AMENDMENTS TO THE SPECIFICATION

Please amend the paragraph at page 5, lines 2-14 as follows:

Preferably, the method includes the steps of: (1) making a slurry by mixing glass powder and ceramic powder so that a mixing ratio is in the range between 50:50 and 95:5(volume ratio), and then mixing 20 to 40 ~~wt%~~ parts by weight of solvent, 2 to 12 ~~wt%~~ parts by weight of binder including water soluble components and solvent soluble components, 3 to 18 ~~wt%~~ parts by weight of plasticizer and 0.5 to 2 ~~wt%~~ parts by weight of dispersion agent and defoaming agent on the basis of 100 ~~wt%~~ parts by weight of the mixed powder; (2) making a thick film by coating the slurry on the glass or metal rear plate in the thickness of 5 to 200μm, and then drying the coated slurry naturally or artificially under a predetermined temperature profile condition; (3) forming the etching protective pattern film partially soluble or insoluble to the etching solution through printing or exposure, development and printing on the thick film formed on the glass or metal substrate; (4) etching the thick film on which the protective pattern film is formed into a barrier rib shape by water-spraying the solution or the mixed solution in which the ceramic powder is included as etching accelerator; and (5) removing the protective pattern film and then sintering the specimen at 450°C to 600°C for 0.5 to 1 hour.

Please amend the paragraph at page 5, lines 15-20 as follows:

According to another aspect of the invention, there is also provided composition for manufacturing barrier ribs for a Plasma Display Panel (PDP), which includes (a) 100 ~~wt%~~ parts by weight of mixture of glass powder and ceramic powder of which a volume ratio is in the range of 50:50 to 95:5; (b) 20 to 40 ~~wt%~~ parts by weight of solvent; (c) 2 to 12 ~~wt%~~ parts by weight of binder including water soluble components and solvent

soluble components together; (d) 3 to 18 ~~wt%~~ parts by weight of plasticizer; and (e) 0.5 to 2 ~~wt%~~ parts by weight of dispersion agent and/or defoaming agent.

Please amend the paragraph at page 7, lines 10-14 as follows:

(1) a slurry is made by mixing glass powder and ceramic powder so that a mixing ratio is in the range between 50:50 and 95:5(volume ratio), and then mixing 20 to 4O ~~wt%~~ parts by weight of solvent, 2 to 12 ~~wt%~~ parts by weight of binder including water soluble components and solvent soluble components, 3 to 18 ~~wt%~~ parts by weight of plasticizer and 0.5 to 2 ~~wt%~~ parts by weight of dispersion agent and defoaming agent on the basis of 100 ~~wt%~~ parts by weight of the mixed powder;

Please amend the paragraph at page 8, lines 17-22 as follows:

At first, glass powder and ceramic powder is put into a ball mill container (or, PP film-Nalgen bottle) as much as 20 to 30% of the volume of the PP film Nalgen bottle, and then 20 to 40 ~~wt%~~ parts by weight of solvent is added on the basis of 100 ~~wt%~~ parts by weight of the mixed powder. And then, dispersion agent and lubricant of the above-mentioned amount are added thereto, and then ball-milled. The milling is executed for 1 to 24 hours depending on the agglomeration level of the powder, preferably 6 to 12 hours as a first milling.

Please amend the paragraph beginning at page 9, line 28-page 10, line 7 as follows.

The surfactant is not limited to any special example, but may be preferably selected from alkyl benzene, Di-iso butyl ketone, di-pentene, methoxy propyl acetate, xylenes, butyl glycol, cyclohexanol and so on. The

wetting agent is not limited to any specific example, but may be selected from trimethoxy slime, 3-aminopropyl trimethoxy silane, 3-glycidoxypropyl trimethoxy silane and so on. Faoh of the surfactant and the wetting agent may adopt one compound among the above examples or a mixture having at least two compounds among them. An added amount of the surfactant is 0.5 to 10 ~~wt%~~ parts by weight of surfactant based on 100 ~~wt%~~ parts by weight of water which is solvent. An added amount of the wetting agent is 0.5 to 10 ~~wt%~~ parts by weight of wetting agent based on 100 ~~wt%~~ parts by weight of water which is solvent."

Please amend the paragraph beginning at page 10, line 25- page 11, line 3 as follows:

(a) 100 ~~wt%~~ parts by weight of mixture of glass powder and ceramic powder of which a volume ratio is in the range of 50:50 to 95:5;

(b) 20 to 40 ~~wt%~~ parts by weight of solvent;

(c) 2 to 12 ~~wt%~~ parts by weight of binder including water soluble components and solvent soluble components together,

(d) 3 to 18 ~~wt%~~ parts by weight of plasticizer; and

(e) 0.5 to 2 ~~wt%~~ parts by weight of dispersion agent and/or defoaming agent.

Please amend the paragraph at page 12, lines 14-18 as follows:

An added amount of the binder is in the range of 2 to 12 ~~wt%~~ parts by weight on the basis of 100 ~~wt%~~ parts by weight of the mixed powder, more preferably in the range of 3 to 8 ~~wt%~~ parts by weight. The binder preferably uses a mixture of the water soluble binder and the solvent soluble binder as described

above. A mixed ratio of the water soluble binder and the solvent soluble binder is in the range of 20:1 to 1:20 on the basis of volume, preferably in the range of 10:1 to 1:10.

Please amend the paragraph at page 13, lines 8-11 as follows:

An added amount of the plasticizer is preferably in the range of 3 to 18 ~~wt%~~ parts by weight on the basis of 100 ~~wt%~~ parts by weight of the mixed powder, and more preferably in the range of 6 to 10 ~~wt%~~ parts by weight. The content of the additive changes depending on the particle size of the mixed powder. In other words, as the particle size of the powder is smaller, the added amount of the additive increases.

Please amend Table 1 at page 15, lines 13-15 as follows:

	Compound	Content(g)
Solvent	N-propanol/methanol (mixture in a ratio of 1:1)	18
Dispersion agent	BYK-110	2
Water soluble binder	polyvinyl pyrrolidine	9
Solvent soluble binder	methyl methacrylate	0.3
Plasticizer	polyethylene glycol	6
Defoaming agent	BYK-024	0.3
~~Dispersion agent~~ Surface controller	BYK-346	0.3

Please amend Table 2 at page 16, lines 8-9 as follows:

	Compound	Content(g)
Solvent	Water	17.5
Dispersion agent	4,5-dihydroxy-1,3-benzenedisulfonic acid:Tiron	2
Binder	polyvinyl alcohol	9
Plasticizer	polyethylene glycol	6
Defoaming agent	BYK-024	0.3
~~Dispersion agent~~ Surface controller	BYK-346	0.3